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| PATENT APPLICATION FEE DETERMINATION RECORD                               |   |                                    |           |                         | Application or Docket Number<br><b>10/716259</b> |                     |
|---|---|------------------------------------|-----------|-------------------------|--|---------------------|
| Substitute for Form PTO-875   |   |                                    |           |                         |  |                     |
| <b>APPLICATION AS FILED – PART I</b>                                      |   |                                    |           |                         |  |                     |
| (Column 1)  |   | (Column 2)                         |           | SMALL ENTITY            |  | OR                  |
| OTHER THAN SMALL ENTITY   |   |                                    |           |                         |  |                     |
| FOR   | NUMBER FILED  | NUMBER EXTRA                       | RATE (\$) | FEE (\$)                | RATE (\$)  | FEE (\$)            |
| BASIC FEE<br>(37 CFR 1.16(a), (b), or (c))                                |   |                                    |           |                         |  |                     |
| SEARCH FEE<br>(37 CFR 1.16(k), (l), or (m))                               |   |                                    |           |                         |  |                     |
| EXAMINATION FEE<br>(37 CFR 1.16(o), (p), or (q))                          |   |                                    |           |                         |  |                     |
| TOTAL CLAIMS<br>(37 CFR 1.16(i))  | minus 20 =  |                                    | X =       |                         | X =  |                     |
| INDEPENDENT CLAIMS<br>(37 CFR 1.16(h))                                    | minus 3 =   |                                    | X =       |                         | X =  |                     |
| APPLICATION SIZE FEE<br>(37 CFR 1.16(s))                                  | If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s). |                                    |           |                         |  |                     |
| MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(j))                         |   |                                    |           |                         |  |                     |
| * If the difference in column 1 is less than zero, enter "0" in column 2. |   |                                    |           |                         |  |                     |
|   |   |                                    | TOTAL     |                         | TOTAL  |                     |
| <b>APPLICATION AS AMENDED – PART II</b>                                   |   |                                    |           |                         |  |                     |
| (Column 1)  |   | (Column 2)                         |           | (Column 3)              |  |                     |
| SMALL ENTITY  |   | OR                                 |           | OTHER THAN SMALL ENTITY |  |                     |
| RATE (\$)   |   | ADDITIONAL FEE (\$)                |           | RATE (\$)               |  | ADDITIONAL FEE (\$) |
| X =   |   | X =                                |           | X =                     |  |                     |
| X =   |   | X =                                |           | X =                     |  |                     |
| TOTAL ADD'L FEE   |   | TOTAL ADD'L FEE                    |           | TOTAL ADD'L FEE         |  |                     |
| <b>AMENDMENT A</b>  |   |                                    |           |                         |  |                     |
| (Column 1)  |   | (Column 2)                         |           | (Column 3)              |  |                     |
| CLAIMS REMAINING AFTER AMENDMENT  |   | HIGHEST NUMBER PREVIOUSLY PAID FOR |           | PRESENT EXTRA           |  |                     |
| Total (37 CFR 1.16(i))  |   | Minus                              |           | =                       |  |                     |
| Independent (37 CFR 1.16(h))  |   | Minus                              |           | =                       |  |                     |
| Application Size Fee (37 CFR 1.16(s))                                     |   |                                    |           |                         |  |                     |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))           |   |                                    |           |                         |  |                     |
| <b>AMENDMENT B</b>  |   |                                    |           |                         |  |                     |
| (Column 1)  |   | (Column 2)                         |           | (Column 3)              |  |                     |
| CLAIMS REMAINING AFTER AMENDMENT  |   | HIGHEST NUMBER PREVIOUSLY PAID FOR |           | PRESENT EXTRA           |  |                     |
| Total (37 CFR 1.16(i))  |   | Minus                              |           | =                       |  |                     |
| Independent (37 CFR 1.16(h))  |   | Minus                              |           | =                       |  |                     |
| Application Size Fee (37 CFR 1.16(s))                                     |   |                                    |           |                         |  |                     |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))           |   |                                    |           |                         |  |                     |
| <b>AMENDMENT C</b>  |   |                                    |           |                         |  |                     |
| (Column 1)  |   | (Column 2)                         |           | (Column 3)              |  |                     |
| CLAIMS REMAINING AFTER AMENDMENT  |   | HIGHEST NUMBER PREVIOUSLY PAID FOR |           | PRESENT EXTRA           |  |                     |
| Total (37 CFR 1.16(i))  |   | Minus                              |           | =                       |  |                     |
| Independent (37 CFR 1.16(h))  |   | Minus                              |           | =                       |  |                     |
| Application Size Fee (37 CFR 1.16(s))                                     |   |                                    |           |                         |  |                     |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))           |   |                                    |           |                         |  |                     |
| <b>AMENDMENT D</b>  |   |                                    |           |                         |  |                     |
| (Column 1)  |   | (Column 2)                         |           | (Column 3)              |  |                     |
| CLAIMS REMAINING AFTER AMENDMENT  |   | HIGHEST NUMBER PREVIOUSLY PAID FOR |           | PRESENT EXTRA           |  |                     |
| Total (37 CFR 1.16(i))  |   | Minus                              |           | =                       |  |                     |
| Independent (37 CFR 1.16(h))  |   | Minus                              |           | =                       |  |                     |
| Application Size Fee (37 CFR 1.16(s))                                     |   |                                    |           |                         |  |                     |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))           |   |                                    |           |                         |  |                     |
| <b>AMENDMENT E</b>  |   |                                    |           |                         |  |                     |
| (Column 1)  |   | (Column 2)                         |           | (Column 3)              |  |                     |
| CLAIMS REMAINING AFTER AMENDMENT  |   | HIGHEST NUMBER PREVIOUSLY PAID FOR |           | PRESENT EXTRA           |  |                     |
| Total (37 CFR 1.16(i))  |   | Minus                              |           | =                       |  |                     |
| Independent (37 CFR 1.16(h))  |   | Minus                              |           | =                       |  |                     |
| Application Size Fee (37 CFR 1.16(s))                                     |   |                                    |           |                         |  |                     |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))           |   |                                    |           |                         |  |                     |
| <b>AMENDMENT F</b>  |   |                                    |           |                         |  |                     |
| (Column 1)  |   | (Column 2)                         |           | (Column 3)              |  |                     |
| CLAIMS REMAINING AFTER AMENDMENT  |   | HIGHEST NUMBER PREVIOUSLY PAID FOR |           | PRESENT EXTRA           |  |                     |
| Total (37 CFR 1.16(i))  |   | Minus                              |           | =                       |  |                     |
| Independent (37 CFR 1.16(h))  |   | Minus                              |           | =                       |  |                     |
| Application Size Fee (37 CFR 1.16(s))                                     |   |                                    |           |                         |  |                     |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))           |   |                                    |           |                         |  |                     |
| <b>AMENDMENT G</b>  |   |                                    |           |                         |  |                     |
| (Column 1)  |   | (Column 2)                         |           | (Column 3)              |  |                     |
| CLAIMS REMAINING AFTER AMENDMENT  |   | HIGHEST NUMBER PREVIOUSLY PAID FOR |           | PRESENT EXTRA           |  |                     |
| Total (37 CFR 1.16(i))  |   | Minus                              |           | =                       |  |                     |
| Independent (37 CFR 1.16(h))  |   | Minus                              |           | =                       |  |                     |
| Application Size Fee (37 CFR 1.16(s))                                     |   |                                    |           |                         |  |                     |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))           |   |                                    |           |                         |  |                     |
| <b>AMENDMENT H</b>  |   |                                    |           |                         |  |                     |
| (Column 1)  |   | (Column 2)                         |           | (Column 3)              |  |                     |
| CLAIMS REMAINING AFTER AMENDMENT  |   | HIGHEST NUMBER PREVIOUSLY PAID FOR |           | PRESENT EXTRA           |  |                     |
| Total (37 CFR 1.16(i))  |   | Minus                              |           | =                       |  |                     |
| Independent (37 CFR 1.16(h))  |   | Minus                              |           | =                       |  |                     |
| Application Size Fee (37 CFR 1.16(s))                                     |   |                                    |           |                         |  |                     |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))           |   |                                    |           |                         |  |                     |
| <b>AMENDMENT I</b>  |   |                                    |           |                         |  |                     |
| (Column 1)  |   | (Column 2)                         |           | (Column 3)              |  |                     |
| CLAIMS REMAINING AFTER AMENDMENT  |   | HIGHEST NUMBER PREVIOUSLY PAID FOR |           | PRESENT EXTRA           |  |                     |
| Total (37 CFR 1.16(i))  |   | Minus                              |           | =                       |  |                     |
| Independent (37 CFR 1.16(h))  |   | Minus                              |           | =                       |  |                     |
| Application Size Fee (37 CFR 1.16(s))                                     |   |                                    |           |                         |  |                     |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))           |   |                                    |           |                         |  |                     |
| <b>AMENDMENT J</b>  |   |                                    |           |                         |  |                     |
| (Column 1)  |   | (Column 2)                         |           | (Column 3)              |  |                     |
| CLAIMS REMAINING AFTER AMENDMENT  |   | HIGHEST NUMBER PREVIOUSLY PAID FOR |           | PRESENT EXTRA           |  |                     |
| Total (37 CFR 1.16(i))  |   | Minus                              |           | =                       |  |                     |
| Independent (37 CFR 1.16(h))  |   | Minus                              |           | =                       |  |                     |
| Application Size Fee (37 CFR 1.16(s))                                     |   |                                    |           |                         |  |                     |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))           |   |                                    |           |                         |  |                     |
| <b>AMENDMENT K</b>  |   |                                    |           |                         |  |                     |
| (Column 1)  |   | (Column 2)                         |           | (Column 3)              |  |                     |
| CLAIMS REMAINING AFTER AMENDMENT  |   | HIGHEST NUMBER PREVIOUSLY PAID FOR |           | PRESENT EXTRA           |  |                     |
| Total (37 CFR 1.16(i))  |   | Minus                              |           | =                       |  |                     |
| Independent (37 CFR 1.16(h))  |   | Minus                              |           | =                       |  |                     |
| Application Size Fee (37 CFR 1.16(s))                                     |   |                                    |           |                         |  |                     |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))           |   |                                    |           |                         |  |                     |
| <b>AMENDMENT L</b>  |   |                                    |           |                         |  |                     |
| (Column 1)  |   | (Column 2)                         |           | (Column 3)              |  |                     |
| CLAIMS REMAINING AFTER AMENDMENT  |   | HIGHEST NUMBER PREVIOUSLY PAID FOR |           | PRESENT EXTRA           |  |                     |
| Total (37 CFR 1.16(i))  |   | Minus                              |           | =                       |  |                     |
| Independent (37 CFR 1.16(h))  |   | Minus                              |           | =                       |  |                     |
| Application Size Fee (37 CFR 1.16(s))                                     |   |                                    |           |                         |  |                     |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))           |   |                                    |           |                         |  |                     |
| <b>AMENDMENT M</b>  |   |                                    |           |                         |  |                     |
| (Column 1)  |   | (Column 2)                         |           | (Column 3)              |  |                     |
| CLAIMS REMAINING AFTER AMENDMENT  |   | HIGHEST NUMBER PREVIOUSLY PAID FOR |           | PRESENT EXTRA           |  |                     |
| Total (37 CFR 1.16(i))  |   | Minus                              |           | =                       |  |                     |
| Independent (37 CFR 1.16(h))  |   | Minus                              |           | =                       |  |                     |
| Application Size Fee (37 CFR 1.16(s))                                     |   |                                    |           |                         |  |                     |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))           |   |                                    |           |                         |  |                     |
| <b>AMENDMENT N</b>  |   |                                    |           |                         |  |                     |
| (Column 1)  |   | (Column 2)                         |           | (Column 3)              |  |                     |
| CLAIMS REMAINING AFTER AMENDMENT  |   | HIGHEST NUMBER PREVIOUSLY PAID FOR |           | PRESENT EXTRA           |  |                     |
| Total (37 CFR 1.16(i))  |   | Minus                              |           | =                       |  |                     |
| Independent (37 CFR 1.16(h))  |   | Minus                              |           | =                       |  |                     |
| Application Size Fee (37 CFR 1.16(s))                                     |   |                                    |           |                         |  |                     |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))           |   |                                    |           |                         |  |                     |
| <b>AMENDMENT O</b>  |   |                                    |           |                         |  |                     |
| (Column 1)  |   | (Column 2)                         |           | (Column 3)              |  |                     |
| CLAIMS REMAINING AFTER AMENDMENT  |   | HIGHEST NUMBER PREVIOUSLY PAID FOR |           | PRESENT EXTRA           |  |                     |
| Total (37 CFR 1.16(i))  |   | Minus                              |           | =                       |  |                     |
| Independent (37 CFR 1.16(h))  |   | Minus                              |           | =                       |  |                     |
| Application Size Fee (37 CFR 1.16(s))                                     |   |                                    |           |                         |  |                     |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))           |   |                                    |           |                         |  |                     |
| <b>AMENDMENT P</b>  |   |                                    |           |                         |  |                     |
| (Column 1)  |   | (Column 2)                         |           | (Column 3)              |  |                     |
| CLAIMS REMAINING AFTER AMENDMENT  |   | HIGHEST NUMBER PREVIOUSLY PAID FOR |           | PRESENT EXTRA           |  |                     |
| Total (37 CFR 1.16(i))  |   | Minus                              |           | =                       |  |                     |
| Independent (37 CFR 1.16(h))  |   | Minus                              |           | =                       |  |                     |
| Application Size Fee (37 CFR 1.16(s))                                     |   |                                    |           |                         |  |                     |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))           |   |                                    |           |                         |  |                     |
| <b>AMENDMENT Q</b>  |   |                                    |           |                         |  |                     |
| (Column 1)  |   | (Column 2)                         |           | (Column 3)              |  |                     |
| CLAIMS REMAINING AFTER AMENDMENT  |   | HIGHEST NUMBER PREVIOUSLY PAID FOR |           | PRESENT EXTRA           |  |                     |
| Total (37 CFR 1.16(i))  |   | Minus                              |           | =                       |  |                     |
| Independent (37 CFR 1.16(h))  |   | Minus                              |           | =                       |  |                     |
| Application Size Fee (37 CFR 1.16(s))                                     |   |                                    |           |                         |  |                     |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))           |   |                                    |           |                         |  |                     |
| <b>AMENDMENT R</b>  |   |                                    |           |                         |  |                     |
| (Column 1)  |   | (Column 2)                         |           | (Column 3)              |  |                     |
| CLAIMS REMAINING AFTER AMENDMENT  |   | HIGHEST NUMBER PREVIOUSLY PAID FOR |           | PRESENT EXTRA           |  |                     |
| Total (37 CFR 1.16(i))  |   | Minus                              |           | =                       |  |                     |
| Independent (37 CFR 1.16(h))  |   | Minus                              |           | =                       |  |                     |
| Application Size Fee (37 CFR 1.16(s))                                     |   |                                    |           |                         |  |                     |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))           |   |                                    |           |                         |  |                     |
| <b>AMENDMENT S</b>  |   |                                    |           |                         |  |                     |
| (Column 1)  |   | (Column 2)                         |           | (Column 3)              |  |                     |
| CLAIMS REMAINING AFTER AMENDMENT  |   | HIGHEST NUMBER PREVIOUSLY PAID FOR |           | PRESENT EXTRA           |  |                     |
| Total (37 CFR 1.16(i))  |   | Minus                              |           | =                       |  |                     |
| Independent (37 CFR 1.16(h))  |   | Minus                              |           | =                       |  |                     |
| Application Size Fee (37 CFR 1.16(s))                                     |   |                                    |           |                         |  |                     |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))           |   |                                    |           |                         |  |                     |
| <b>AMENDMENT T</b>  |   |                                    |           |                         |  |                     |
| (Column 1)  |   | (Column 2)                         |           | (Column 3)              |  |                     |
| CLAIMS REMAINING AFTER AMENDMENT  |   | HIGHEST NUMBER PREVIOUSLY PAID FOR |           | PRESENT EXTRA           |  |                     |
| Total (37 CFR 1.16(i))  |   | Minus                              |           | =                       |  |                     |
| Independent (37 CFR 1.16(h))  |   | Minus                              |           | =                       |  |                     |
| Application Size Fee (37 CFR 1.16(s))                                     |   |                                    |           |                         |  |                     |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))           |   |                                    |           |                         |  |                     |
| <b>AMENDMENT U</b>  |   |                                    |           |                         |  |                     |
| (Column 1)  |   | (Column 2)                         |           | (Column 3)              |  |                     |
| CLAIMS REMAINING AFTER AMENDMENT  |   | HIGHEST NUMBER PREVIOUSLY PAID FOR |           | PRESENT EXTRA           |  |                     |
| Total (37 CFR 1.16(i))  |   | Minus                              |           | =                       |  |                     |
| Independent (37 CFR 1.16(h))  |   | Minus                              |           | =                       |  |                     |
| Application Size Fee (37 CFR 1.16(s))                                     |   |                                    |           |                         |  |                     |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))           |   |                                    |           |                         |  |                     |
| <b>AMENDMENT V</b>  |   |                                    |           |                         |  |                     |
| (Column 1)  |   | (Column 2)                         |           | (Column 3)              |  |                     |
| CLAIMS REMAINING AFTER AMENDMENT  |   | HIGHEST NUMBER PREVIOUSLY PAID FOR |           | PRESENT EXTRA           |  |                     |
| Total (37 CFR 1.16(i))  |   | Minus                              |           | =                       |  |                     |
| Independent (37 CFR 1.16(h))  |   | Minus                              |           | =                       |  |                     |
| Application Size Fee (37 CFR 1.16(s))                                     |   |                                    |           |                         |  |                     |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))           |   |                                    |           |                         |  |                     |
| <b>AMENDMENT W</b>  |   |                                    |           |                         |  |                     |
| (Column 1)  |   | (Column 2)                         |           | (Column 3)              |  |                     |
| CLAIMS REMAINING AFTER AMENDMENT  |   | HIGHEST NUMBER PREVIOUSLY PAID FOR |           | PRESENT EXTRA           |  |                     |
| Total (37 CFR 1.16(i))  |   | Minus                              |           | =                       |  |                     |
| Independent (37 CFR 1.16(h))  |   | Minus                              |           | =                       |  |                     |
| Application Size Fee (37 CFR 1.16(s))                                     |   |                                    |           |                         |  |                     |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))           |   |                                    |           |                         |  |                     |
| <b>AMENDMENT X</b>  |   |                                    |           |                         |  |                     |
| (Column 1)  |   | (Column 2)                         |           | (Column 3)              |  |                     |
| CLAIMS REMAINING AFTER AMENDMENT  |   | HIGHEST NUMBER PREVIOUSLY PAID FOR |           | PRESENT EXTRA           |  |                     |
| Total (37 CFR 1.16(i))  |   | Minus                              |           | =                       |  |                     |
| Independent (37 CFR 1.16(h))  |   | Minus                              |           | =                       |  |                     |
| Application Size Fee (37 CFR 1.16(s))                                     |   |                                    |           |                         |  |                     |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))           |   |                                    |           |                         |  |                     |
| <b>AMENDMENT Y</b>  |   |                                    |           |                         |  |                     |
| (Column 1)  |   | (Column 2)                         |           | (Column 3)              |  |                     |
| CLAIMS REMAINING AFTER AMENDMENT  |   | HIGHEST NUMBER PREVIOUSLY PAID FOR |           | PRESENT EXTRA           |  |                     |
| Total (37 CFR 1.16(i))  |   | Minus                              |           | =                       |  |                     |
| Independent (37 CFR 1.16(h))  |   | Minus                              |           | =                       |  |                     |
| Application Size Fee (37 CFR 1.16(s))                                     |   |                                    |           |                         |  |                     |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))           |   |                                    |           |                         |  |                     |
| <b>AMENDMENT Z</b>  |   |                                    |           |                         |  |                     |
| (Column 1)  |   | (Column 2)                         |           | (Column 3)              |  |                     |
| CLAIMS REMAINING AFTER AMENDMENT  |   | HIGHEST NUMBER PREVIOUSLY PAID FOR |           | PRESENT EXTRA           |  |                     |
| Total (37 CFR 1.16(i))  |   | Minus                              |           | =                       |  |                     |
| Independent (37 CFR 1.16(h))  |   | Minus                              |           | =                       |  |                     |
| Application Size Fee (37 CFR 1.16(s))                                     |   |                                    |           |                         |  |                     |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))           |   |                                    |           |                         |  |                     |
| <b>AMENDMENT AA</b>   |   |                                    |           |                         |  |                     |
| (Column 1)  |   | (Column 2)                         |           | (Column 3)              |  |                     |
| CLAIMS REMAINING AFTER AMENDMENT  |   | HIGHEST NUMBER PREVIOUSLY PAID FOR |           | PRESENT EXTRA           |  |                     |
| Total (37 CFR 1.16(i))  |   | Minus                              |           | =                       |  |                     |
| Independent (37 CFR   |   |                                    |           |                         |  |                     |